# BRAUSCH ENVIRONMENTAL, LLC

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Via Electronic and First-Class Mail

April 14, 2017

Ms. Shari Lynn Kolak Remedial Project Manager **Superfund Division** U.S. Environmental Protection Agency, Region 5 77 West Jackson Boulevard, SRF-5J Chicago, IL 60604-3507

Re:

**Monthly Progress Report for March 2017** 

Remedial Investigation and Feasibility Study

Lake Calumet Cluster Site, Operable Unit 2, Chicago, Illinois

Dear Ms. Kolak:

The Respondents submit this monthly progress report to the U.S. Environmental Protection Agency (USEPA), Region 5, pursuant to Paragraph 46 of the Administrative Settlement Agreement and Order on Consent (AOC) and attached Statement of Work (SOW) for the Operable Unit 2 Remedial Investigation and Feasibility Study (RI/FS) at the Lake Calumet Cluster Site in Chicago, Illinois (the Site). This progress report summarizes efforts by the Respondents to fulfill the requirements of the AOC during the March 2017 reporting period.

#### 1. **Activities Completed During This Reporting Period**

- A. On March 2, 2017, Arcadis U.S., Inc. (Arcadis) sampled the light non-aqueous phase liquid (LNAPL) found in monitoring well MW-12.
- В. On March 14, 2017, the Respondents submitted the February 2017 monthly progress report to USEPA with copies to the Illinois Environmental Protection Agency (IEPA).



## 2. Results of Sampling and Tests and Other Data

- A. The results of the fourth quarter of groundwater sampling of the Phase 3 groundwater monitoring wells are being provided under separate cover.<sup>1</sup>
- B. The results of the LNAPL sampling conducted at MW-12 will be provided following completion of data validation.

#### 3. Work Plans, Procedures, and Deliverables

A. The Respondents submitted no work plans, procedures, or other deliverables during the March 2017 reporting period.

### 4. Actions Projected for the Next Reporting Period

- A. Arcadis will compile and evaluate Site characterization data, including comparisons of Site groundwater data to appropriate screening criteria.
- B. The Respondents will arrange for the off-site transportation and disposal of the liquid and solid investigation-derived waste produced during Site characterization activities to date.

#### 5. Progress and Schedule Report

- A. Completion of the Remedial Investigation (RI) is generally progressing in accordance with the schedule submitted with the RI/FS Work Plan. Arcadis has completed the three phases of the Site characterization studies, including the Phase 1 piezometer installation and gauging, Phase 2 hydraulic profiling tool and vertical aquifer profiling investigations, and Phase 3 installation and sampling of groundwater monitoring wells.
- B. The schedule date for completing the RI has been extended to accommodate four rounds of quarterly groundwater sampling rather than the one round envisioned in the schedule submitted with the RI/FS Work Plan.
- C. The Respondents propose to modify the schedule of deliverables as given in the SOW. After receiving the remaining Site data from LNAPL sampling, the Respondents propose to prepare and submit to USEPA and IEPA a Technical Memorandum that presents the comparisons of Site groundwater data to appropriate screening criteria and related data evaluations. This Technical

<sup>&</sup>lt;sup>1</sup> These data were submitted to USEPA and IEPA on April 7, 2017.

Memorandum would then be the basis for discussions of steps needed to fill remaining data needs and complete the RI and accompanying human health and ecological risk assessments. If this modification to the SOW is acceptable, the Respondents will work with USEPA to finalize the scope and schedule for the Technical Memorandum.

\* \* \* \*

We trust that this submittal satisfies your requirements at this time. If you have questions regarding this monthly progress report or related project matters, please do not hesitate to contact me.

Respectfully submitted,

Leo M Brausch
Project Coordinator

LMB:

cc: P. Lake, IEPA (2 copies)

cc (via email):

S. M. Franzetti, Esq.

J. Kratzmeyer, Arcadis

P. Lake, IEPA

LCCS Technical Committee